



FACT SHEET

November 5, 2004



Environmental Cleanup Activities and Investigations at Carriage Cleaners & Newcomb Oil/Former Citgo Station Town of Brighton, Monroe County, New York

Spill History/Citgo Station

In September 2003, the New York State Department of Environmental Conservation (NYSDEC) and the Monroe County Department of Health (MCDOH) were notified of gasoline vapors in the sanitary sewer along Torrington Drive. Concurrently, the NYSDEC was overseeing the investigation of a gasoline release at the Newcomb Oil/Citgo Station at 2087 Monroe Avenue, located near Torrington Drive. Facility inventory records indicated that approximately 8,000 gallons of gasoline may have been released over a several month period.

Investigation and Remediation Efforts

All underground gasoline storage tanks have been removed from the former Citgo Station. Approximately 800 tons of contaminated soil was excavated from the station and disposed of at an approved landfill.

The NYSDEC, the MCDOH and the New York State Department of Health (NYSDOH) are working with Newcomb Oil and their consultant/contractor to thoroughly investigate and properly clean up the impacts related to the gasoline release.

Off-site investigation activities have been conducted to determine the extent of the contamination in the soil and groundwater. These activities included the installation of soil borings and groundwater monitoring wells along Continental Drive, Torrington Drive, Monroe Avenue, Brooklawn Drive, Hampshire Drive, and Irving Road, as well as on several private properties. Soil and groundwater samples collected and analyzed to date have identified contaminants associated with gasoline, such as benzene and methyl tert butyl ether (MTBE). In addition, several samples revealed the presence of tetrachloroethene (PCE), a chlorinated solvent commonly used in the dry cleaning industry. As will be discussed in

the next section, the source of and the extent of the PCE is being investigated separately by the NYSDEC Division of Environmental Remediation and does not appear to be associated with the Citgo property.

The gasoline plume appears to be generally trending in a northeasterly direction. Groundwater sample results continue to indicate that there have been no impacts to groundwater beneath Continental Drive. The center of the plume is generally located at 112 Torrington Drive. The home at 112 Torrington was purchased by Newcomb Oil to allow for installation and operation of remediation equipment. The remediation system was installed in early April, 2004 and system operation commenced during the week of April 19th. The system is effectively removing contaminants and appears to be retarding contaminant migration. Analytical results suggest natural attenuation processes are working to limit migration of the plume beyond the limits of the treatment system. Natural attenuation is when natural biological and physical processes reduce toxicity, volume, and concentrations of hazardous compounds in the earth and groundwater.

Engineering Controls and Indoor Air Quality

Based on the results of indoor air monitoring, sub-slab ventilation systems have been installed in homes located on Torrington Drive, Brooklawn Drive, Hampshire Drive, and Monroe Avenue as directed by MCDOH. Indoor air sampling, performed in December 2003 under the direction of the MCDOH confirmed sub-slab ventilation systems to be effective in controlling both gasoline and PCE vapors in homes.

Should you smell gasoline odors in your home, apartment or business, you should leave the premises and call 911.

The NYSDEC is also working on a spill (Spill # 0100911) at the Mobil Service Station located at 1950 Monroe Ave (at 12 Corners). Based on groundwater sampling results to date, this

spill appears to have impacted the Mobil property and three adjacent commercial properties. The contaminant plume from the Mobil station appears to have moved in a southerly direction though it appears to be contained in the immediate vicinity of the release. Investigation and remedial activities by Mobil continue under the direction of the NYSDEC.

Carriage Cleaners Site History

As previously mentioned in the Fact Sheet, PCE was detected in groundwater and indoor air samples collected during the Newcomb Oil petroleum spill investigation. The presence and distribution of PCE, a compound commonly associated with dry cleaning operations, implicated Carriage Cleaners (2101 Monroe Avenue) as a likely contributor to the ground water and indoor air contamination. Based on the PCE contamination, the Carriage Cleaners site was subsequently listed as a Class 2 site on the NYSDEC Registry of Inactive Hazardous Waste Disposal Sites (Identification Number 8-28-120) in April of 2004. A Class 2 site means the site poses a significant threat to public health or environment and clean up action is required.

The NYSDEC has worked closely with the MCDOH in performing indoor air monitoring at homes located on Brooklawn Drive, Monroe Avenue, Torrington Drive, and Hampshire Drive. Based on the indoor air monitoring results, a total of five vapor mitigation systems were installed at homes located on Monroe Avenue. Confirmatory indoor air monitoring indicates that the sub-slab mitigation systems have been effective in reducing PCE vapors.

The Carriage Cleaners property owner performed a limited site assessment in July of 2004. Although a source area was not identified, the investigation indicated that on-site soil and groundwater were contaminated with PCE. The report concluded that possible breaks in the storm and sanitary sewer lines may represent a source area for the PCE contamination.

Upcoming Activities

The NYSDEC is currently working with O'Brien & Gere Engineers, Inc. on the completion of a Remedial Investigation/Feasibility Study (RI/FS) at the Carriage Cleaners site. This will include:

- Completion of a Work Plan by early 2005;
- Initiation of remedial investigation during early 2005; and
- A public meeting at the conclusion of the RI/FS in early 2006.

The RI/FS will expand on earlier investigations and is being implemented to:

- Identify a source area(s) for the PCE;
- Better understand the nature and extent of PCE contamination;
- Eliminate potential exposure pathways; and
- Identify a remedial approach that will effectively address the PCE contamination.

To learn more about the status of the Carriage Cleaners site, the PCE groundwater contamination, and the upcoming RI/FS activities, we encourage you to attend the November 18, 2004 Public Meeting (see separate Meeting Notice).

Contact Information

Should you have questions regarding the status of the investigation and cleanup of the gasoline release at the former Citgo station, you may contact:

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Should you have questions regarding the status of the investigation and cleanup of the PCE release, you may contact:

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For health related questions you may contact:

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At the Town of Brighton you may contact:

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